

## Transition

**Performance Standard:** The response rate of career and technical completers to the Career and Technical Education Student Follow-Up Survey in academic school year 2004-2005 is 75%.

### Performance: Completer Response Rate

	2004-2005	2003-2004	2002-2003
Division	86.62% (272 of 314)	90.16% (229 of 254)	93.98% (203 of 216)
State	77.44% (20,817 of 26,833)	81.30% (20,947 of 25,766)	75.14% (18,698 of 24,885)

**Performance Standard\*:** Students who are career and technical completers/graduates will successfully transition at a combined rate of 92.81% from secondary school to employment, apprenticeship, military or other service, further education, or full-time equivalency of part-time combinations of transition indicators.

### Performance: Completer Transition Rate

	2004-2005	2003-2004	2002-2003
Division	97.43% (265 of 272)	98.25% (225 of 215)	96.06% (195 of 215)
State	95.04% (19,874 of 20,817)	95.24% (19,950 of 20,947)	94.82% (17,729 of 18,698)

## Satisfaction

**Performance Standard:** Career and Technical Education Completers (Employees) will indicate annually an 80% or higher satisfaction rate with their secondary career and technical studies, academic preparation, and employment.

### Performance: Employee Satisfaction Rate

	2004-2005	2003-2004	2002-2003
Division	83.82% (228 of 272)	82.97%	99.29%
State	90.06% (18,747 of 20,817)	84.46%	81.32%

**Performance Standard:** Employers will indicate annually an 80 % or higher satisfaction rate with career and technical completers (employees) based on their secondary career and technical studies and academic preparation for the current occupation.

### Performance: Employer Satisfaction Rate

	2004-2005	2003-2004	2002-2003
Division	100.00% (12 of 12)	92.31%	100.00%
State	94.72% (1,022 of 1,079)	93.70%	91.92%

## 2004-2005 Performance Summary

Standard	Met	Not Met	Improvement Plan Required
Academic Achievement	**	**	**
Occupational Competence		X	X
Secondary School Completion	X		
Diploma/Credential	—	—	
Access/Success		X	X
Non-Traditional Career Enrollment		X	X
Non-Traditional Career Completion	X		
Completer Response Rate	X		
Transition Rate	X		
Employee Satisfaction	X		
Employer Satisfaction	X		

\*\* Academic Achievement is based on the performance of students enrolled in Career and Technical Education by school. Refer to the individual school data for results.

VIRGINIA DEPARTMENT OF EDUCATION

## CAREER AND TECHNICAL EDUCATION SECONDARY EDUCATION

## ANNUAL PERFORMANCE REPORT

for

## MONTGOMERY COUNTY PUBLIC SCHOOLS

SCHOOL YEAR  
2004-2005

## Academic Achievement

**Performance Standard\*:** Eligible students (9-12 grades) who are enrolled in a career and technical course(s) and also in an academic course(s) for which a Standards of Learning end-of-course test(s) is/are required, will attain a passing score on the Standards of Learning end-of-course tests, contribute to the school's annual accreditation requirements based on the Accreditation Benchmarks<sup>1</sup>, and contribute to annually improving the statewide baseline academic attainment average as determined for federal reporting.

### Performance: Percent of Students Enrolled in Career and Technical Education Courses who Passed the Standards of Learning End-of-Course Tests

Division	2004-2005	2003-2004	2002-2003
English	86.53% (334 of 386)	67.03% (681 of 1016)	79.60% (753 of 946)
Mathematics	62.65% (260 of 415)	50.35% (430 of 854)	47.16% (532 of 1128)
History	74.64% (312 of 418)	62.94% (669 of 1063)	58.36% (660 of 1131)
Science	70.12% (284 of 405)	71.97% (678 of 942)	66.30% (716 of 1080)
State	2004-2005	2003-2004	2002-2003
English	86.72%	81.48%	86.32%
Mathematics	81.33%	70.60%	67.54%
History	84.56%	73.80%	71.68%
Science	80.05%	70.30%	70.39%

**Note:** The Academic Achievement data in this report represents a sub-population of the total population of test takers and is based on the performance of students enrolled in Career and Technical Education courses in this school division. This academic attainment data is composed solely for federal performance and reporting purposes. These data shall in no way be used in conjunction with or interpreted for a school's accreditation status.

<sup>1</sup> The Board set the minimum acceptable pass rates required for a school to achieve the rating of Fully Accredited for:

Year	English	Math	History/Social Sciences	Science
2004-05	70%	70%	70%	70%

## Occupational Competence

**Performance Standard\*:** Ninety-four and thirty-four hundredths percent (94.34%) of the career and technical education completers will attain 80% of the essential competencies on the state-provided, industry-validated competency lists.

### Performance: Competency Attainment Rate

	2004-2005	2003-2004	2002-2003
Division	92.44% (269 of 291)	100.00% (314 of 314)	100.00% (250 of 250)
State	96.83% (28,870 of 29,816)	95.83% (25,710 of 26,828)	96.05% (24,121 of 25,112)

**Note:** A Career and Technical Education Program Completer is a student who has met the requirements for a career and technical concentration or specialization and all requirements for high school graduation or an approved alternative education program.

## Secondary School Completion

**Performance Standard\*:** The completion rate for students in career and technical content areas, including the secondary component of Tech Prep programs, is 97.69%.

### Performance: Secondary School Completion Rate

	2004-2005	2003-2004	2002-2003
Division	100.00% (291 of 291)	100.00% (314 of 314)	97.28% (250 of 257)
State	98.84% (29,816 of 30,167)	99.63% (26,828 of 26,927)	97.72% (25,112 of 25,698)

**Note:** The Completion Rate was calculated using the number of completers (c) reported on the 2004-2005 Completer Demographics Report and the number of dropouts (d) who completed a career and technical education program sequence or concentration as reported on the 2004-2005 Division Dropout Report. The formula is  $c/(c+d)$ .

## Diploma/Credential

**Performance Standard\*:** The rate in which students will earn either the Career and Technical Education Board of Education Diploma Seal or the Advanced Mathematics and Technology Board of Education Diploma Seal is to be determined\*\*

### Performance: Board Seal Attainment Rate

	2004-2005	2003-2004
Division	84.54% (246 of 291)	78.03% (245 of 314)
State	55.34% (16,499 of 29,816)	58.48% (15,689 of 26,828)

**Note:** 288 combined and comprehensive high schools in 125 divisions elected to award the Career and Technical Education and the Advanced Mathematics and Technology Board of Education Diploma Seals during the 2004-2005 school year.

## Access/Success

**Performance Standard:** Students identified as members of special populations will demonstrate success in Academic Achievement, Occupational Competence, and Successful Transition at the same rate as other Career and Technical Education Completers.

### Performance by Students who are Members of a Special Population

	Division	State
Academic Achievement		
English	82.54%	73.04%
Mathematics	59.62%	72.73%
History	64.81%	70.86%
Science	61.01%	67.21%
Occupational Competence	87.50%	95.47%
Transition	96.43%	91.62%

## Non-Traditional Career Preparation

**Performance Standard\*:** The total (combined) enrollment rates in the state-identified courses for nontraditional career preparation of the gender that comprises less than 25% will be 13.07%.

### Performance: Non-Traditional Enrollment

	2004-2005	2003-2004	2002-2003
Division	12.66% (183 of 1445)	11.97% (176 of 1470)	9.43% (135 of 1431)
State	13.82% (13,720 of 99,266)	13.48% (13,363 of 99,114)	13.30% (12,283 of 92,355)

**Performance Standard\*:** The total (combined) completion rates of the state-identified content areas for nontraditional career preparation of the gender that comprise less than 25% will be 9.88%.

### Performance: Non-Traditional Completion

	2004-2005	2003-2004	2002-2003
Division	9.92% (13 of 131)	15.85% (26 of 164)	9.42% (13 of 138)
State	12.89% (1,845 of 14,311)	11.97% (1,463 of 12,221)	14.69% (1,631 of 11,104)

♦ Adjusted Levels of Performance as Negotiated with the United States Department of Education Office of Vocational and Adult Education (USDOE OVAE).

♦♦ Data collected in 2000-2001, 2001-2002, 2002-2003, 2003-2004, and 2004-2005 to establish the state baseline for future negotiations with USDOE OVAE.